ELCO Lighting

Project Name:

Fixture Type:

Date:

4″ CEDAR SYSTEM NEW CONSTRUCTION FOAM INSULATED R-60 HOUSING W/DRIVER



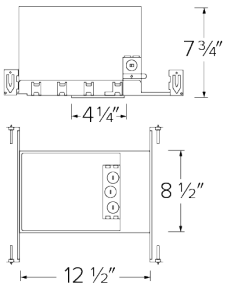
Housing

For R-60 Foam Insulation for use with Cedar System LED Light Engines.

FEATURES

- Foam insulated R-60 housing for R-60 insulation and Chicago Plenum.
- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- USA designed and assembled.
- Limited 5 year warranty.
- For use with ELCO Cedar™ System 4″ LED Light Engines.
- 2 at the end of the item number denotes Generation 2. Please note Gen 2 and Gen 1 are not cross compatible.

DIMENSIONS



SPECIFICATIONS

Wattage	15 MAX
Lumens	850 · 1250 lm
Voltage	120-277V
Dimming	120V Triac/ELV · Triac/ELV/0-10V · Sunset (warm dim)
Power factor	>0.95
Housing type	IC Airtight
Generation	Gen 2 · Gen 1
Emergency option	No Emergency Backup · Emergency Backup up to 700 lm · Emergency Backup up to 1100 lm · Emergency Backup 15W Max · Emergency Battery Backup

Item page
elcolighting.com/items/4-cedar-system-new-construction-foam-insulated-r-60-housing-wdriver
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

4″ Cedar™ Housings and LED Light Engines

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PRODUCT NUMBER BUILDER

Specify **4" Cedar System New Construction Foam Insulated R-60 Housing w/Driver** item number (Select one) Example: **E4AJ08ICAD2**

Your item number:

ITEM	LUMENS	HOUSING TYPE	DIMMING	GENERATION	EMERGENCY OPTION
E4AJ	**08** 850 lm **12** 1250 lm	**ICA** IC Airtight	120V Triac/ELV **D** Triac/ELV/0-10V **SD** Sunset (warm dim)	**2** Gen 2 Gen 1	**EM1** Emergency Backup up to 700 lm **EM2** Emergency Backup up to 1100 lm **EM7** Emergency Backup 15W Max

No separate code: Emergency Option: No Emergency Backup, Emergency Battery Backup

TECHNICAL DETAILS

Construction: Double wall IC rated for direct contact with insulation. For use in IC and non-IC conditions. Up to 1250 lumens. Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness. Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.

Installation: Designed for ceiling plenums where 2x6 joists or taller are used. High strength hanger bars can easily be nailed to joists. Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information. Emergency Battery Back-up Option requires access from above.

Junction Box: Positioned to accommodate straight conduit runs. Two 3/4" knockouts.

Hanger Bars: Pre Installed hanger bars with True Nail easy installation in regular lumber, engineered lumber, and Laminated Beams. Integral T-bar slots for easy installation in T-Bars. Spans up 24" and can be repositioned 90°. Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while easily aligning the housings with the joists.

Electrical: Driver is rated for 120V and 277V input (120/277V). High Efficiency driver with a power factor > 0.95.

Emergency Battery Pack: Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

Dimmability: 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver. Triac/ELV down to 5% on 120V; 0-10V/Triac/ELV down to 1% on 120/277V. For a full list of dimmers refer to the Dimmer Compatibility List.

Listings: UL Listed (US and Canada) for Damp Location and for Wet Location with select trims. UL Listed (US and Canada) for Direct Contact with Insulation and Combustible Material. UL Listed (US and Canada) for Feed Through.

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